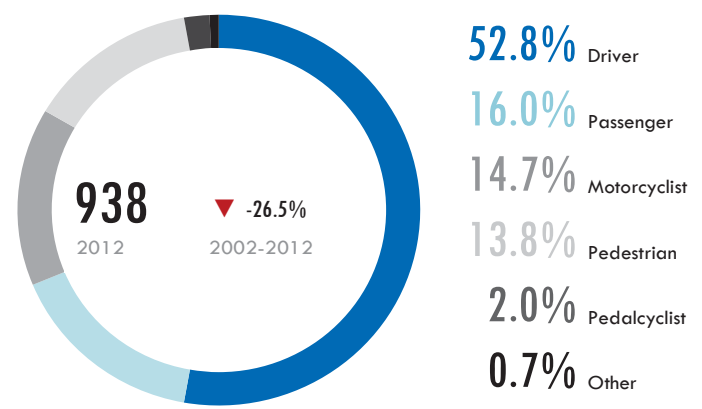


HIGHWAY FATALITIES



HIGHWAY FATALITY RATE

Fatalities per 100 million vehicle miles traveled, 2012



RAIL FATALITIES



TRANSIT FATALITIES

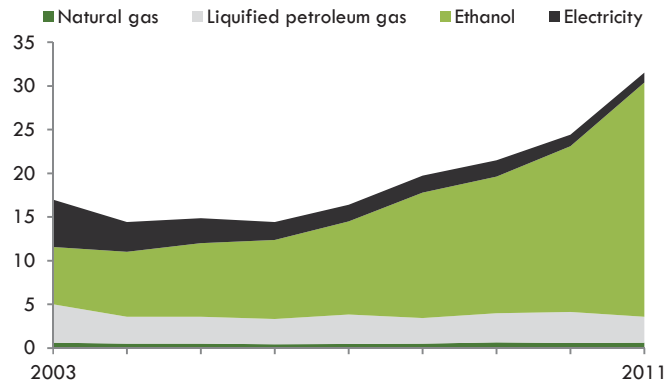


RECREATIONAL BOAT FATALITIES



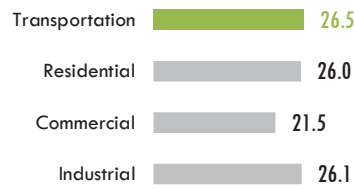
ALTERNATIVE FUEL VEHICLES IN USE

Thousands of vehicles, 2003-2011



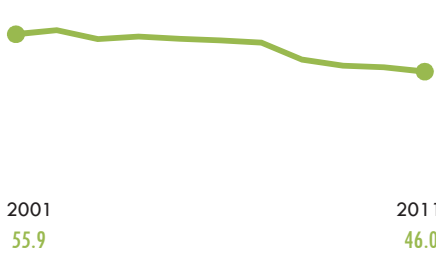
ENERGY USE BY SECTOR

Percentage of Btu consumed, 2012



TRANSPORTATION EMISSIONS

Million metric tons of CO₂, 2001-2011



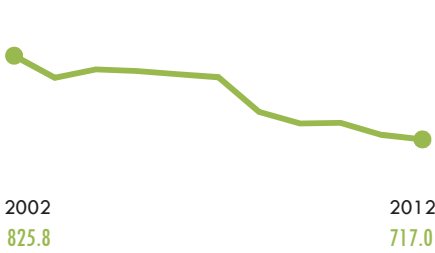
MOTOR FUEL USE PER CAPITA

Gallons per capita, 2012



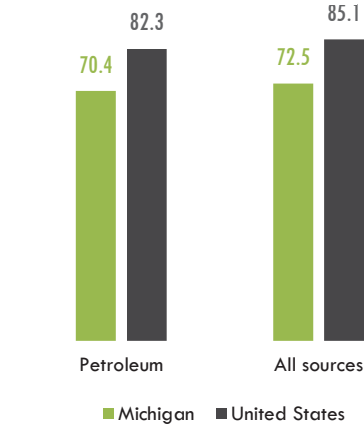
TRANSPORTATION ENERGY USE

Trillion Btu consumed, 2002-2012



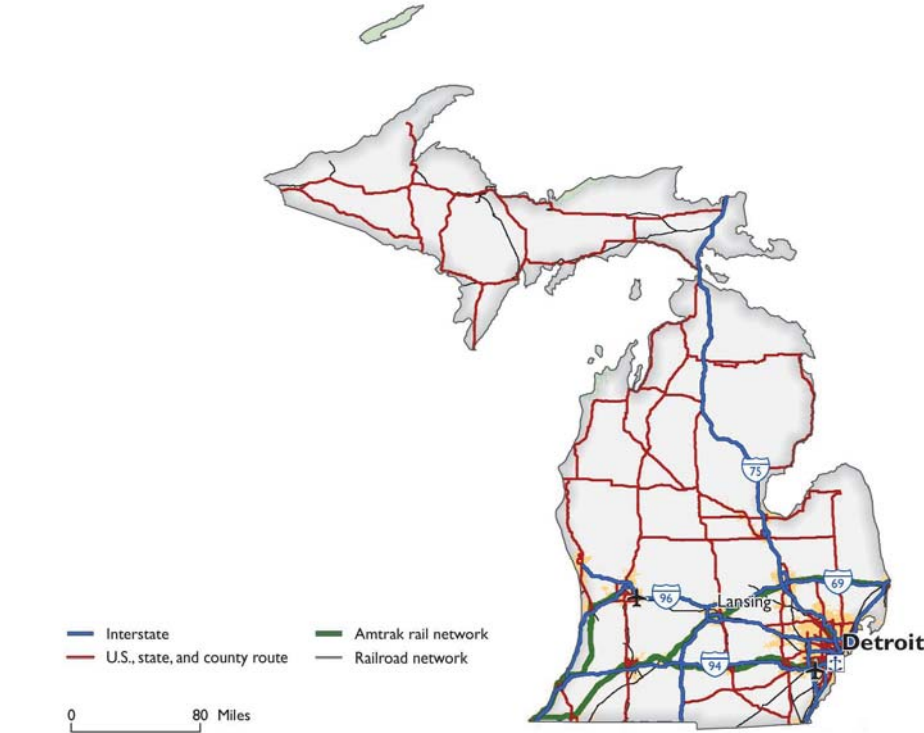
TRANSPORTATION ENERGY USE PER CAPITA

Million Btu per capita, 2012



MICHIGAN
TRANSPORTATION BY THE NUMBERS

TRANSPORTATION INFRASTRUCTURE



MILES OF PUBLIC ROAD

122,051

Roads with acceptable pavement ride quality based on International Roughness Index, 2012



BRIDGES

11,000

Bridges classified as functionally obsolete, 2012



Bridges classified as structurally deficient, 2012



MILES OF FREIGHT RAILROAD

3,542

MAJOR AIRPORTS

20

Includes Federal Aviation Administration Part-139 public use airports.

MAJOR WATER PORTS

14

- Alpena
- Calcite
- Detroit
- Drummond Island
- Escanaba
- Grand Haven
- Marquette
- Monroe
- Muskegon
- Port Dolomite
- Port Inland
- Presque Isle
- St. Clair
- Stoneport

BORDER PORTS OF ENTRY

3

- Detroit
- Port Huron
- Sault Ste. Marie

Includes ports ranked in the top 150 ports by tonnage in 2012.

SOURCES: **Infrastructure map, water ports, border ports**—U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Atlas Database 2014*. **Airports**—U.S. Department of Transportation, Federal Aviation Administration, *Administrator's Fact Book*. **Employment**—U.S. Census Bureau, County Business Patterns. **Passenger travel by trip purpose, average daily travel**—U.S. Department of Transportation, National Household Travel Survey. **Freight map and data**—U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework. **State GDP**—U.S. Department of Commerce, Bureau of Economic Analysis. **Highway fatalities**—U.S. Department of Transportation, National Highway Traffic Safety Administration. **All other data**—As cited in U.S. Department of Transportation, *State Transportation Statistics 2014*, available at www.bts.gov.

POPULATION



EMPLOYMENT



LICENSED DRIVERS



REGISTERED VEHICLES



TRANSIT RIDERSHIP



AIR CARRIER ENPLANEMENTS

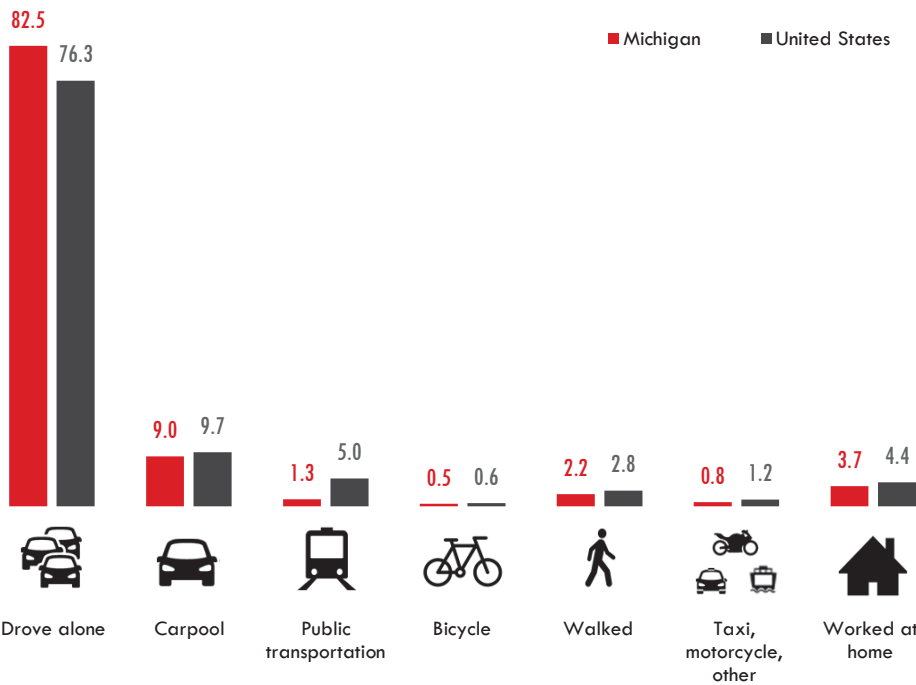


HIGHWAY TRAVEL



HOW RESIDENTS GET TO WORK

Percentage of workers over age 16, 2012



AVERAGE DAILY PERSON MILES

Miles per person per day, 2009



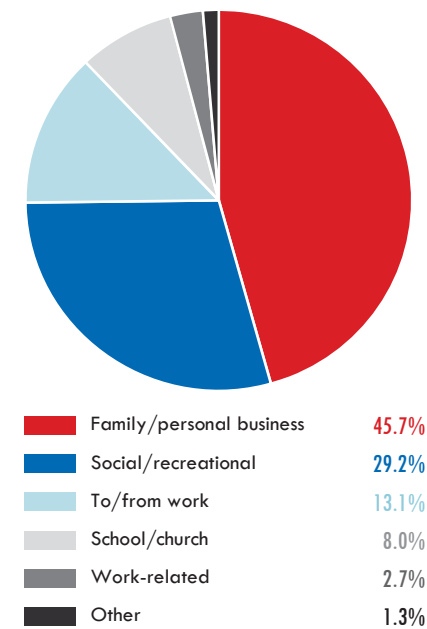
AVERAGE DAILY PERSON TRIPS

Trips per person per day, 2009



PASSENGER TRAVEL BY TRIP PURPOSE

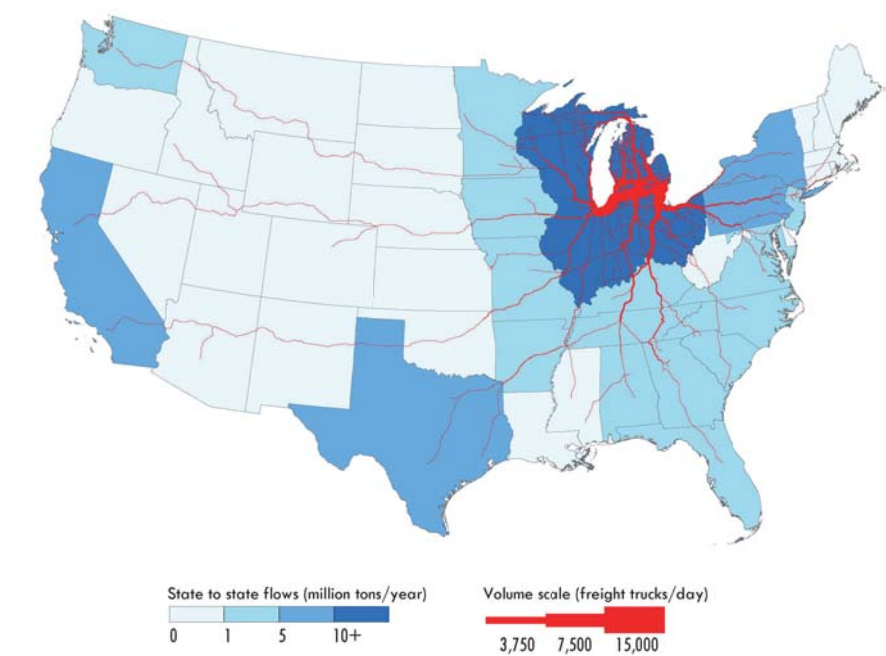
Percentage of annual person trips, 2009



TRANSPORTATION INDUSTRY JOBS



MAJOR TRUCK FREIGHT FLOWS TO, FROM, AND WITHIN MICHIGAN, 2010



VALUE OF FREIGHT FLOW



TONS OF FREIGHT FLOW



TON-MILES OF FREIGHT FLOW

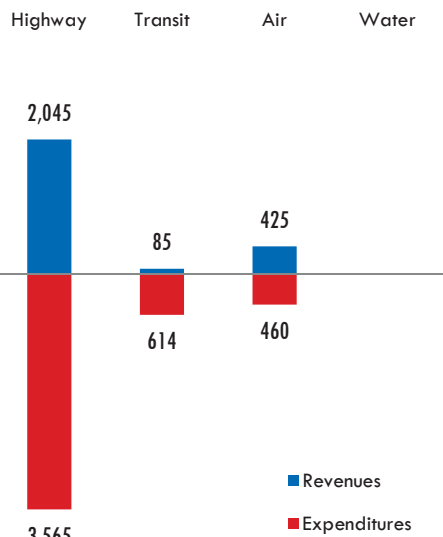


STATE GROSS DOMESTIC PRODUCT



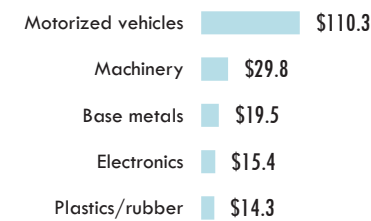
STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2011

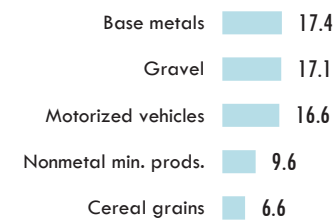


TOP COMMODITIES SHIPPED FROM MICHIGAN

By value moved in billions of current dollars, 2012

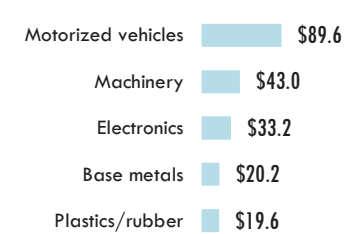


By weight moved in millions of tons, 2012

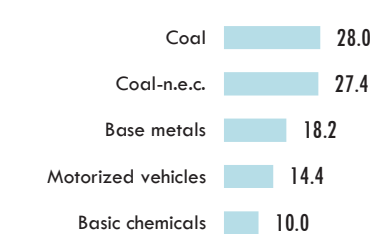


TOP COMMODITIES SHIPPED TO MICHIGAN

By value moved in billions of current dollars, 2012

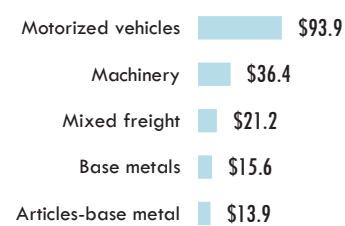


By weight moved in millions of tons, 2012



TOP COMMODITIES SHIPPED WITHIN MICHIGAN

By value moved in billions of current dollars, 2012



By weight moved in millions of tons, 2012

